Approved For Release 2002/08/20 : CIA-RDP63-00313A000600160054-0

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NRO REVIEW COMPLETED

COR 1064 Copy of 5 copies 25 January 1961

	25X1A
DPD-DD/P	20/(1/
MEMORANDUM FOR: Mr. John Parengosky, DPD-DD/P	*
AEROGARIAN .	·
SUBJECT: Trip Report - the	1
Supplied that Corporation on the	
go stiend a conference at 100	•
1. Purpose: To attend a conference at Itak Corporation on the status of the CIII program.	
status of the	1
2. General: Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The April date previously established appears a- Cill Status - The Description - The Option - The Description - Th	
date previously established concern was	
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cill Status - The April date previously established applications of decision on which clock to use. The decision to decision on which clock to use.	·
e- cill Status - The April date only real cause for contestion to still be possible. The only real cause for decision to still be possible on which clock to use. The decision the lack of decision on which clock to use. The decision the lack of decision on which committees to lick on using the "A" clock had not been committeed to lick on using the meeting. The lick group knew almost nothing problem.	
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on using the "A" clock had not been group knew almost hours on using the "A" clock and were concerned with mounting problem the "A" clock and were chosen.	,
the state of the s	
A 200 17 57 1 1767 B	
the complete of the complished the second ished	d by
1/200th of a second. This reading	clock
(1) Accuracy - 1/200th of a second. This is accomplished coupling to timing pips" (200 per second), reading coupling to timing pips" (200 per second) provided by counting the coupling of seconds, and interpolating by counting	timins
(1) Accuracy - 1/200th of a second, reading coupling to timing pips" (200 per second), reading to tenths of seconds, and interpolating by counting	
TO belle to a second a	have
particular experience, but tessor	
pips. (2) Reliability - No operational experience, but tests	4 - 4 -
(2) Reliability - No optimity. shown very high reliability. (3) Reset Capability - Can be reset in orbit if command the made available.	d channel
combility - Can be reset in order	
(3) Reset Capabilianie.	
CRR DE MAIL	
(h) prift - 1 x 10 ⁻⁶ (same as C^{1}).	
(4) Man Aigital.	
(5) Readout - Clock or digital.	
	1 .
c. clll Characteristics:	Cr sug
(1) The following camera characteristics differ from are of interest to TIB for computer program changes to the planning.	tes and
(1) The interest to TIB for stape	
exploitation planning.	contain information
4 3 - 13 (3 mm - 1	Criormoniiii
This does !!	FT (T) STATES

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		2) There are 200 timing "pips per second instead of 160 "pips" per second on the Cl.
		3) The lens system rotates continuously and the chimney oscillates.
		(Clll sweeps from left to right in the camera.)
		5) Lens #1 resolves 475 lines per millimeter on the bench and 156 lines per millimeter on S.O. 1221 film.
		6) Sweep time is approximately 14% slower.
		(7) A lens - "flattener" - is located right at the image plane It has its own cam for IMC.
25X1 <i>A</i>	d å.	CHC Problems - Some time was spent with of Itek discussing IMC on C ¹ and C ¹¹¹ . Previously a great deal of confusion existed on whether IMC or FMC was provided. Most of the data available indicated FMC, though IMC seemed to be the most plausible. The discussion resolved the problem - IMC and not FMC is provided on C ¹ and C ¹¹¹ .
25X1A	€.	LMSD Computer Services - talked about the possibility of LMSD providing PIC computer services. This seems to be a very interesting possibility. LMSD not only has the equipment and mathematicisms, astronomers, etc., but also has people already cleared operationally and familiar with photogrammetric analysis. The undersigned recommends LMSD be contacted to further this discussion.
	ſ.	Camera Relative Orientation - It is believed that the present system of camera orientation accomplished on the West Coast is useful only to determine the orientation between the vehicle and the camera system and does not determine the relative orientation between the three cameras. The prientation procedure now accomplished by IMSD should be evaluated and the requirement for the vehicle/camera orientation should be reviewed.
25X1A		PIC must communicate with DPD-DD/P concerning the continued requirement for camera logs for the Cll program. This log must include depression angles of the horizon cameras, as the present Cl log does.
25X1A	PIC/TISD	TID
25X1A	Original	Addressee 3 - Chief, TISD/PIC /5 - RI Files